

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Aaron Poledna on December 3, 2009.

The application has been amended as follows:

Claim 15 read as:

Claim 15. A laser, comprising: a laser source; a power source at least proximate to said laser source and configured to provide excitation energy for a lasing medium of the laser source to generate a laser beam; wherein the laser source and the power source are arranged in an end-to-end series relation along a longitudinal axis and a cooling fan at one end of the power source, the cooling fan being adapted for generating an air flow directed in a generally straight line path with said laser source and said power source for cooling said laser source and said power source.

***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance:

Claim 1 recites a laser structure including the specific structure limitation of *the laser source and the power source are arranged in an end-to-end series relation along a longitudinal axis such that the fan directs the air flow generally parallel with the longitudinal axis to pass first adjacent to the exterior surface of the laser source for the cooling thereof, and then to pass adjacent to the exterior surface of the power source for subsequent cooling thereof*, which is neither anticipated or neither disclosed nor suggested in any piece of available prior art, which is neither anticipated nor obvious over the prior art of record.

Claim 7 recites a laser structure including the specific structure limitation of *a laser source, a laser resonator, a laser media, and electrodes for exciting the laser media; a power source, wherein the power source and the laser source are aligned along the longitudinal axis; and a cooling fan positioned adjacent to said power source and located in a generally straight line path with said laser source and said power source along the longitudinal axis, said cooling fan adapted for generating an air flow for cooling said laser source and said power source*, which is neither anticipated or neither disclosed nor suggested in any piece of available prior art, which is neither anticipated nor obvious over the prior art of record.

Claim 15 recites a laser structure including the specific structure limitation of *wherein the laser source and the power source are arranged in an end-to-end series relation along a longitudinal axis and a cooling fan at one end of the power source, the cooling fan being adapted for generating an air flow directed in a generally straight line path with said laser source and said power source for cooling said laser source and said*

*power source, which is neither anticipated or neither disclosed nor suggested in any piece of available prior art, which is neither anticipated nor obvious over the prior art of record.*

Claim 23 recites a laser structure including the specific structure limitation of a *laser source, a laser resonator, a laser media, and electrodes for exciting the laser media; a power source, wherein the power source and the laser source are aligned along the longitudinal axis; and a cooling fan positioned adjacent to the power source and in a generally straight line path with the laser source and the power source along the longitudinal axis, wherein the cooling fan is adapted for generating an air flow for cooling the laser source and the power source*, which is neither anticipated or neither disclosed nor suggested in any piece of available prior art, which is neither anticipated nor obvious over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DELMA R. FORDE whose telephone number is (571)272-1940. The examiner can normally be reached on M-T.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MinSun O. Harvey can be reached on 571-272-1835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/DELMA R. FORDE/  
Examiner, Art Unit 2828  
December 3, 2009

/Minsun Harvey/  
Supervisory Patent Examiner, Art Unit 2828